

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**March**

**2012**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**April 19, 2012**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Precipitation during March varied across the San Angelo hydrologic service area (HSA) as some areas received over 4 inches of rain while others received only 0.01 to 0.10 of an inch. Much of Brown, Coleman, Concho, McCulloch, San Saba, Menard, Kimble and Mason Counties received over two inches of rain. Isolated areas in Mason, McCulloch and San Saba Counties received four to five inches of rain during the month. On the opposite end, parts of Crockett County received less than 0.10 of an inch. Parts of Sterling, Coke, Nolan and Fisher Counties received only 0.25 to 0.50 of an inch of rain for the entire month.

The U.S. Drought Monitor showed slight improvements across the east and southeastern portions of the HSA during the month. By the end of March, extreme to exceptional drought conditions continued to cover much of Crockett, Fisher, Jones and Haskell Counties. The remainder of the HSA was depicted as experiencing abnormally dry to severe drought conditions.

The average precipitation reported from coop observers in March was 1.77 inches. The highest monthly precipitation total of 3.61 inches was reported in San Saba County. Coop observers in Brown, Concho, Mason, McCulloch and San Saba Counties received over three inches of precipitation in March.

The San Angelo Regional Airport received 1.49 inches of rain during March, which was 0.01 of an inch below normal for the month. The monthly normal rainfall for San Angelo in March is 1.50 inches.

The Abilene Regional Airport received 1.21 inches of rain during March, which was 0.53 of an inch below normal for the month. The monthly normal rainfall for Abilene in March is 1.74 inches.

Junction received 1.77 inches of rain during March. The estimated average monthly rainfall in March is about 1.25 to 1.5 inches.

**Coop Observer Rainfall Totals for March, 2012:**

<b>Station Name</b>	<b>Amount (in)</b>		<b>Station Name</b>	<b>Amount (in)</b>
Abilene 2	1.02		Merkel 12SW	0.51
Acton Ranch	0.34		Mertzon 12WNW	1.32
Albany	1.68		Ozona	0.10
Ballinger 2NW	1.03		Ozona 22SE	0.83
Brady	3.04		Paint Rock	3.13
Brownwood	3.11		Putnam	1.80
Burkett	2.89		Red Bluff Crossing	3.02
Coleman	2.75		Roscoe	0.68
Concho Park	2.04		Rotan	1.05
Eden	2.50		San Angelo WFO	1.03
Eldorado	1.34		San Saba 7NW	2.53
Fort Griffin	1.78		Santa Anna 12SSE	2.82
Fort McKavett	2.52		Silver Valley	2.10
Glen Cove 2NE	2.21		Sonora	1.39
Hamlin	0.66		Stamford	0.31
Haskell	1.31		Sterling City	1.38
Hords Creek	2.63		Taylor Ranch	3.61
Humble Pump	1.89		Throckmorton 7NE	1.80
Junction 4SSW	2.16		Water Valley	0.48
Lake Abilene	0.75		Water Valley 11NE	0.35
Mason	3.52		Woodson	2.23
Menard	2.59			

**Reservoir Conditions (end of March, 2012)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	37,870	54
Lake Stamford	52,700	25,830	50
Hubbard Creek Lake	317,800	152,430	48
Hords Creek Lake	8,800	2,410	30
Lake Brownwood	131,428	78,620	60
E.V. Spence	488,760	2,260	0
O.C. Fisher	119,200	950	0
O.H. Ivie	554,340	97,060	18
Twin Buttes	177,800	13,210	7

**Hydro Products Issued**

FLS = 1 (Flood Advisory)

ESF = 2 (Probabilistic Forecasts)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for March across the San Angelo HSA is depicted below.

